



**City of Sedona**  
**Public Works Department**  
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**WWRP Tertiary Filters Upgrade**

**FY20 CIP Update**



**KEY FEATURES:**

**Consultant:** Carollo Engineers, Inc.

**Contractor:** Strategic Construction Solutions, Inc.

**Construction Challenges:**

- Maintaining operation during construction

**Project Manager:**

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**\$ FY20 Project Budget:** \$1,221,632  
**Total Project Budget:** \$1,916,372

The tertiary filters at the Wastewater Reclamation Plant (WWRP) are essential to the treatment process. Currently the tertiary filters consist of sand filters, which are part of the original design of the WWRP. Recently, inefficiencies of the filters have surfaced, and costly repairs are needed.

Carollo Engineers prepared a Preliminary Design Report (PDR) which evaluated the efficiencies, capital cost, and operating cost of rehabilitating the existing sand filters vs. switching to a different type of media for tertiary filtration. The PDR determined that the most beneficial option is to change to a cloth media disk filter.

**Status:** Strategic Construction Solutions, Inc. (SCS) is continuing work on electrical upgrades required to operate the new equipment. Installation of Filter Bed #2 is complete. Programming for the new equipment is being finalized and start-up of equipment in Filter Bed #2 will occur in February.

For a copy of this update, or updates for other projects, visit the projects website at: [www.sedonaaz.gov/CIP](http://www.sedonaaz.gov/CIP).

**Project Status**

**December 2019**

Project Phase	% Completion	Completion Date
Design	100%	Winter/Spring 2019
Construction	40%	Spring 2020